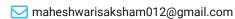
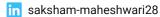
Saksham Maheshwari









WORK EXPERIENCE

Bearconnect

Software Development Intern

November-2024 - Present

- Contributed to backend development using Express.js, efficiently handling over 5,000 API requests per week with optimized performance.
- Played a pivotal role in transitioning the codebase from Express.js to NestJS, reducing code maintenance effort by 40% and improving modularity.
- · Migrated data storage solutions to AWS EC2, cutting storage costs by 25% and enhancing data availability for over 1,000 daily active users.
- Explored Redis-based job queues to manage scheduled tasks, ensuring seamless resumption based on user working hours...
- Explored CI/CD pipeline concepts, with the team, gaining an understanding of deployment optimizations that improved productivity.

EDUCATION

Indian Institute of Information Technology Ranchi

B. Tech (Electronics and Communication Engineering) - CGPA-9.17/10

2022 - 2026

PROJECTS

Hospital Management System (MERN Stack) [7]



May-2024 - August-2024

Developed a comprehensive hospital management system with robust functionality and user experience

- Integrated 3 distinct panels
- · User Panel: Implemented authentication and authorization for 1,000+ users, enabling appointment booking, messaging, prescription viewing, and an integrated chatbot
- · Admin Panel: Added functionality for managing appointments, registering new doctors and admins, and accessing user messages
- · Doctor Panel: Enabled 100+ doctors to manage appointments and write prescriptions seamlessly.
- Streamlined operations, reducing appointment scheduling time by 40% and achieving an SEO score of 80
- · Tools & Technologies: React, Node.js, Express.js, MongoDB.

Auction Platform (MERN Stack, Tailwind CSS) [7]

December-2024 - - Feburary-25

Designed a feature-rich auction platform for real-time bidding and payment management

- Integrated 3 distinct panels:
- User Panel: Allowed users to place bids in real time, handling 500+ simultaneous bids with zero downtime.
- Auctioneer Panel: Provided tools to upload items with minimum bid requirements, simplifying auction setup for 100+ auctioneers
- SuperAdmin Panel: Automated payment verification with a 5% commission structure, generating additional revenue.
- Developed a dynamic leaderboard for real-time updates on highest bids for 50+ ongoing auctions
- Improved bidding efficiency by 30% through optimized dashboards and real-time updates, achieving an SEO score of 85.
- Tools & Technologies: MERN stack, Tailwind CSS, MongoDB, GitHub.

SKILLS

Languages: C, C++, Python, HTML, CSS, JavaScript, TypeScript

Developer Tools: GitHub

Frameworks: React.js, Next.js, Node.js, Express.js

Cloud/Databases: MongoDB, MySQL, PostgreSQL, Firebase Soft Skills: CP, DSA, Teamwork, Management, Problem Solving

Areas of Interest: Dance, Guitar, Table Tennis

Achievements

- Scored a SGPA of 9.68 in 3rd and 4th semesters; ranked 4th in the branch at college.
- Secured First Runner-up position in Webathon Hackathon (MHSSCE). <u>Link</u>
- Awarded **Best Individual Performer** in Webathon Hackathon.
- · Achieved 3-star rating on CodeChef. Link
- Solved 500+ problems on LeetCode, CodeChef boosted algorithmic efficiency by 45%. Link
- · Finalist in Medecro.ai Hackathon. Link
- · Finalist in Hackathon conducted by IIIT Naya Raipur.
- Taught C++ to students on platform TeacherOn. Link